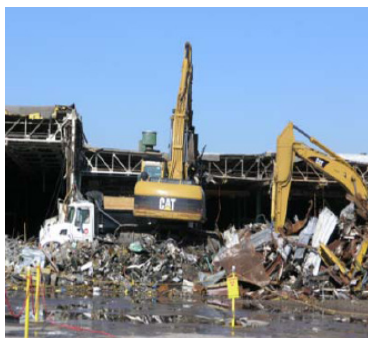




U.S. DEPARTMENT OF
ENERGY



Update on the Office of Environmental Management

EM Site-Specific Advisory Board Chairs' Meeting
Idaho Falls, Idaho
September 23, 2009

Dr. Inés R. Triay
Assistant Secretary for Environmental Management



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safety ❖ performance ❖ cleanup ❖ closure

www.em.doe.gov

EM Mission and Priorities

Mission

“Complete the safe cleanup of the environmental legacy brought about from five decades of nuclear weapons development, production, and Government-sponsored nuclear energy research.”



Radioactive tank waste remains a top priority.

Our Priorities Are the Same

- Essential activities to maintain a safe and compliant posture in the EM complex
- Radioactive tank waste stabilization, treatment, and disposal
- Spent nuclear fuel storage, receipt, and disposition
- Special nuclear material consolidation, stabilization, and disposition
- High priority groundwater remediation
- Transuranic and mixed/low-level waste disposition
- Soil and groundwater remediation
- Excess facilities deactivation and decommissioning (D&D)



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Journey to Excellence: Delivering Performance

- Accomplishments
 - ARRA: Six months from fund allocation to 9,200 jobs for accelerated cleanup
 - WIPP Marks a Decade of Safe Disposal
 - Over 7,700 shipments completed (~62,000 m³ emplaced waste)
 - New Hanford Tri-Party Agreement Settlement
 - Increasing Agency Transparency
 - Introduction of EM Weekly News Flash, EM Update Newsletter, Recovery Act Newsletter, and Recovery Act Websites



Journey to Excellence: Delivering Performance

Vision

“Our vision is that EM and its contractors are recognized as being among the best at completing quality work safely, on schedule and within cost and delivering demonstrated value to the American Taxpayer.”

19 EM soil/water remediation and waste disposition projects completed from 2005-present

- All projects met regulatory deadlines
- 95% completed on schedule
- 84% within 10% of budget

- EM has a solid performance record on cleanup projects
- However – EM must improve in delivering all projects within cost and schedule
- This performance must be achieved with Safety as an inherent part of our value system – not to be compromised
 - No schedule, milestone or cost consideration is worth any injury
- Two areas where there is heightened visibility and scrutiny
 - Construction projects
 - Recovery Act projects

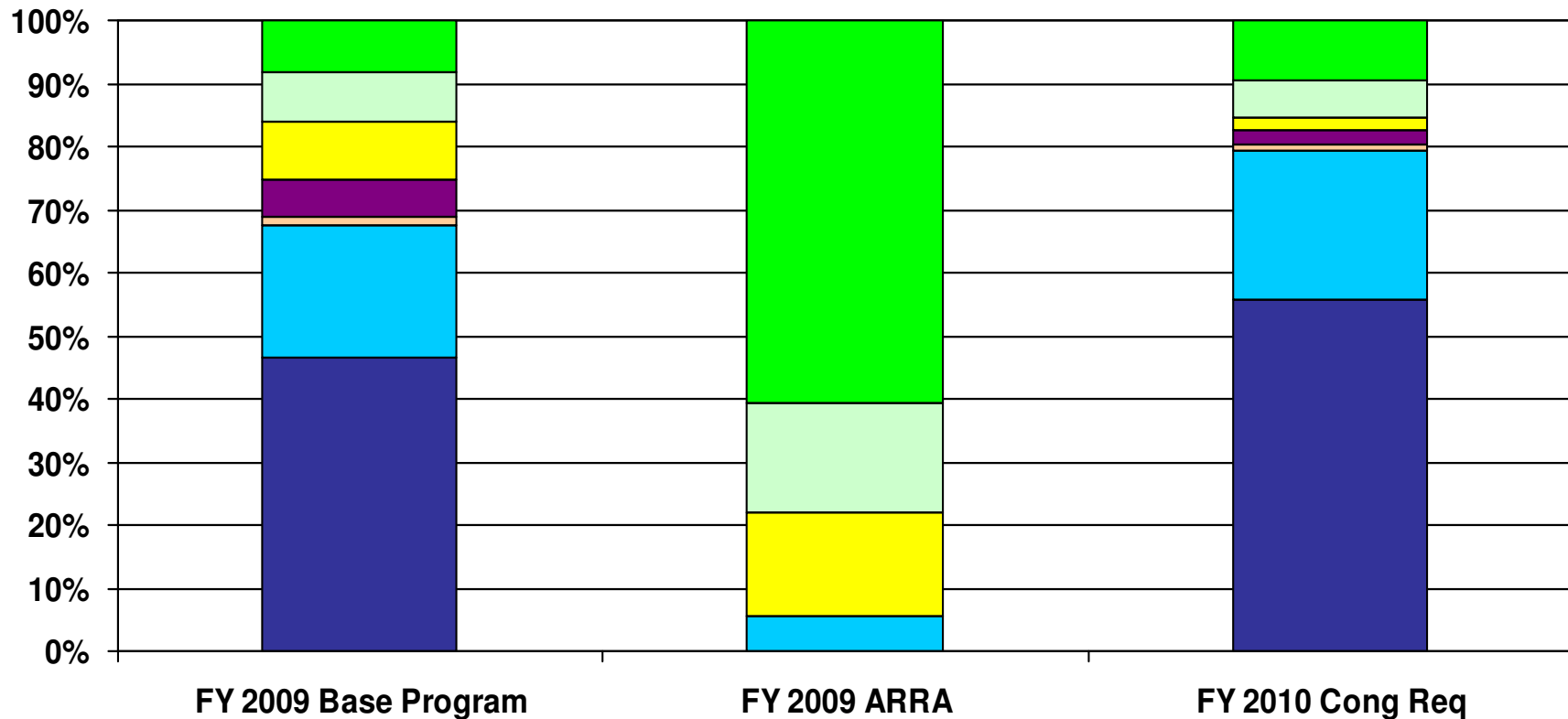


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Comparison of Recovery Act and Base Program Work Scope



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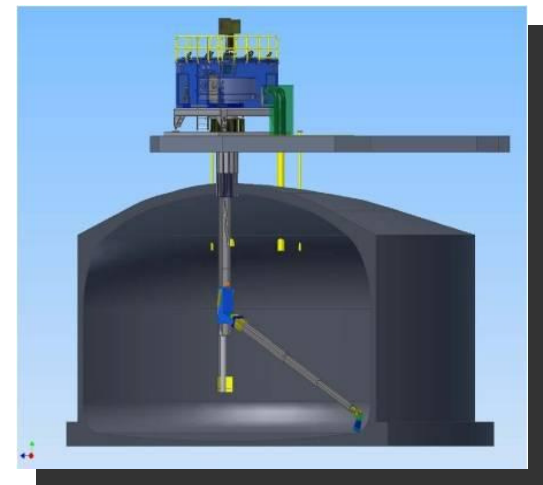
Strengthen Technology Development

- Focus on reducing risks and life-cycle costs associated with tank waste stabilization, treatment, disposal & groundwater remediation
- Leverage world class basic research and facilities funded by other offices within the Department
- Requested increase of FY 2010 budget to \$105 million from \$32 million in FY 2009

Electrical resistance heating, will be used to remove TCE up to 100 feet below the surface at Paducah.



Mobile Arm Retrieval System



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Topics for EM SSAB Focus

- Ongoing
 - Current and Future EM Budget Priorities
 - Waste Disposition Strategy
 - Public Outreach
- New
 - Energy Parks initiative (EPI)
 - Mercury Management and Storage



The Challenge: Maintaining Momentum



- Safely conducting work
- Managing performance-based projects with life cycles over several decades
- Producing results with robust project management practices
- Applying first-of-a-kind technologies
- Achieving footprint reduction and near-term completions
- Managing and maintaining an “able and stable” workforce
- Using Recovery Act funds to create sustainable environmental cleanup jobs, with lasting economic benefits



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